CONTENTS

T Alfant, Mathada of representing the properties of viscoelectic metarials	143
T. Alfrey: Methods of representing the properties of viscoelastic materials	
H. J. Barten: On the deflection of a cantilever beam	275
K. E. Bisshopp: The inverse of a stiffness matrix	82
K. E. Bisshopp and D. C. Drucker: Large deflection of cantilever beams	272
D. R. Blaskett and H. Schwerdtfeger: A formula for the solution of an arbitrary	200
analytic equation	266
E. Bromberg and J. J. Stoker: Non-linear theory of curved elastic sheets	246
G. F. Carrier: On the non-linear vibration problem of the elastic string	157
G. F. Carrier: On the vibrations of the rotating ring	235
P. Y. Chou: On velocity correlations and the solutions of the equations of	
turbulent fluctuation	38
P. Y. Chou: Pressure flow of a turbulent fluid between two infinite parallel	
planes	198
N. Coburn: The Kármán-Tsien pressure-volume relation in the two-dimen-	
sional supersonic flow of compressible fluids	106
J. W. Craggs and C. J. Tranter: The capacity of twin cable 268,	380
C. H. Dix, C. Y. Fu and E. W. McLemore: Rayleigh waves and free surface	
reflections	151
D. C. Drucker: (See K. E. Bisshopp)	
	361
T. C. Fry: Some numerical methods for locating roots of polynomials	89
C. Y. Fu: (See C. H. Dix)	0,
	183
	210
Th. v. Kármán and H. S. Tsien: Lifting-line theory for a wing in non-uniform	-10
flow	1
	302
E. G. Kogbetliantz: Quantitative interpretation of maps of magnetic and	002
gravitational anomalies by mathematical methods	55
W. Kohn: The spherical gyrocompass	87
C. C. Lin: On the stability of two-dimensional parallel flows.	01
	117
	218
An additional to the contract of the contract	277
the state of the s	211
A. N. Lowan: On the problem of heat conduction in a semi-infinite radiating	84
wire	04
E. W. McLemore: (See C. H. Dix)	
D. Middleton: (See R. King)	76
I. Opatowski: Cantilever beams of uniform strength	76
at an a openit it men memori or integration of	166
H. Poritsky and M. H. Blewett: A method of solution of field problems by	222
means of overlapping regions	336
W. Prager: On plane clastic strain in doubly-connected domains	37 7

A. Preisman: Graph	ical	ana	lys	es c	of n	onli	nea	r ci	rcui	its						2		185
M. Richardson: The	pre	ssui	re c	listi	ribu	tion	1 01	al	bod	y in	she	ear	flow	r .				175
H. A. Robinson: On	A. A	. Po	po	ff's	met	hod	of	inte	gra	tion	by	ort	hog	ona	lity	for	ci.	383
S. A. Schaaf: A cyli	nder	coc	olin	gp	rob	lem												356
S. A. Schelkunoff: S	olut	ion	of	line	ear	and	sli	ght	ly n	ionl	inea	ar c	liffe	ren	tial	eq	ua-	
tions							0											348
H. Schwerdtfeger: (See !	D. 1	R	Blas	sketi	t)												
C. H. W. Sedgewick	: On	pla	asti	c b	odie	es w	ith	rot	atio	nal	syn	nm	etry		0			178
J. J. Stoker: (See E.	Bro	mbe	erg))														
S. Timoshenko: On	the	trea	tm	ent	of	disc	cont	tinu	itie	s in	bea	am	defi	lect	ion	pro	ob-	
lems		0				0											0	182
C. J. Tranter: (See J	. W.	Cr	agg	(s)														
H. S. Tsien: (See Th	. 0. 1	Karı	má	n)														
A. Vazsonyi: On rota	tion	al g	as	flov	VS	0						0				0		29
S. E. Warschawski:	On 7	The	odo	orse	n's	met	hoc	l of	cor	for	mal	ma	appi	ng	of 1	ieai	rly	
circular regions																0		12
Book Reviews	,			*						*			,		,	*		384
Bibliographical lists															. 1	84,	276	386

